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IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Richard BROWN et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date: 02/15/2002

Group Art Unit:

Title: IMPROVEMENTS IN AND RELATING TO DIGITAL CERTIFICATES



COMMISSIONER FOR PATENTS
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a petition under 37 CFR 1.97(d)(2), and
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☒ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no.

Date of Deposit

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By _____

Typed Name:

Respectfully submitted,

Richard BROWN et al.

By


William T. Ellis

Attorney/Agent for Applicant(s)

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Date: 02/15/2002

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Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 30003052-2		SERIAL NO. Unassigned	
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT Richard BROWN et al.			
				FILING DATE 02/15/2002		GROUP ART UNIT Unassigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A1	6,321,339	11/20/2001	FRENCH et al.	713	201	
	A2	5,579,479	11/26/1996	PLUM	395	188.01	
	A3	5,877,485	03/02/1999	SWARTZ	235	383	
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	A4	2 357 225	06/13/2001	GREAT BRITAIN			
	A5	0 869 637	10/07/1998	EUROPE			
	A6	01/33797	05/10/2001	WIPO			
	A7	01/06727	01/25/2001	WIPO			
	A8	99/19845	04/22/1999	WIPO			
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	A9	HOUSLEY et al.. "Internet X.509 Public Key Infrastructure Certificate and CRL Profile," The Internet Society (1999), pp. 1-105, February 2, 2002, ftp://ftp.isi.edu/in-notes/rfc2459.txt .					
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.							



INVESTOR IN PEOPLE

Application No: GB 0103969.2
Claims searched: 1

Examiner: Robert Crowshaw
Date of search: 12 December 2001

Patents Act 1977 Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.S): G4A (AAP); H4P (PDCSA)

Int Cl (Ed.7): G06F 1/00; H04L 9/32

Other: Online databases: EPODOC, JAPIO, WPI

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
X, E	GB 2357225 A (HEWLETT-PACKARD) See page 8 lines 7-30 for conditional certification.	1, at least
X	EP 0869637 A2 (ARCANVS) See page 9 lines 1-12 for the updating of the value of a certificate property.	1, at least
X, E	WO 01/33797 A2 (WAYPORT) See page 3 lines 6 to page 4 line 19, page 12 lines 33 to page 13 line 8 & page 14 lines 6-24.	1, at least
X	WO 01/06727 A2 (SPYRUS) See page 4 lines 27 to page 6 line 5.	1, at least
X	WO 99/19845 A1 (AT&T) Whole document for risk associated with a user being evaluated and included in a short-term certificate.	1, at least
A	US 6321339 (EQUIFAX) col 2 ll 23-28 & col 15 ll 25-65.	

X Document indicating lack of novelty or inventive step
Y Document indicating lack of inventive step if combined with one or more other documents of same category.

& Member of the same patent family

A Document indicating technological background and/or state of the art.
P Document published on or after the declared priority date but before the filing date of this invention.
E Patent document published on or after, but with priority date earlier than, the filing date of this application.